

SU586516 - English language abstract (WPINDEX)

L24 ANSWER 20 OF 26 WPINDEX (C) 2003 THOMSON DERWENT  
AN 1978-83693A [ 46] WPINDEX  
TI Zinc compsn. for negative electrode of alkaline batteries - contg. zinc  
dust, zinc oxide, and a polyoxyethylene ether of a mixed aliphatic  
alcohol.  
DC A25 A85 L03 X16  
IN TITOV, A V; TOROPTSEVA, T N  
PA (DMIT-I) DMITRENKO V E  
PI.B SU 586516 A 19771223 (197846)\*  
PRAI SU 1976-2360830 19760517  
PNC 1  
CYC 1  
AB SU 586516 A UPAB: 19930901  
Compsn. for the negative electrode of an alkali battery comprises zinc  
dust, zinc oxide and binder in the ratio (mass %): 60-79:20-40:0.5-1.5,  
with an additive of 0.1-0.6 of a polyoxyethylene ether of a **fatty acid**  
alcohol contg. 5-10 oxyethylene gps. Self-discharge can be reduced if the  
fatty alcohol is a mixt. of 10-13 C alcohols in the specific ratio C10  
10-25, C11 35-55, C12 25-45, and C13 1-8.1%. An inhibitor of mercury,  
cadmium or lead oxide can also be added to the compsn. in the amt. of  
0.5-10%.  
FA AB  
FS CPI EPI

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